



PATENT
00478CIPCIP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :
Apostolides, John K. : METHODS AND SYSTEMS FOR
Serial No.: 10/612,205 : PERFORMING, MONITORING AND
Filing Date: July 2, 2003 : ANALYZING MULTIPLE MACHINE
FLUID PROCESSES

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

May 6, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Commissioner:

Applicant, in accordance with the duty of disclosure pursuant to 37 C.F.R. § 1.56, hereby advises the United States Patent and Trademark Office of the references listed on the accompanying form PTO/SB/08A *Information Disclosure Statement by Applicant* (Substitute for Form-1449A/PTO). With the exception of United States patents and published United States patent applications, a copy of each reference cited on the *Information Disclosure Statement by Applicant* is enclosed.

Applicant notes that although the cited references may be relevant to the examination of the above-referenced patent application, under 37 C.F.R. § 1.97(h), the filing of this *Information Disclosure Statement by Applicant* "shall not be construed to be an

admission that the information cited in the statement is, or is considered to be, material to patentability as defined in § 1.56(b)."

Respectfully submitted,



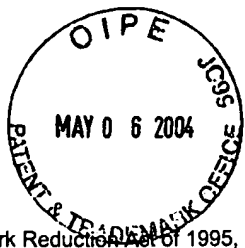
Michael D. Lazzara
Reg. No. 41,142

Attorney for Applicant

KIRKPATRICK & LOCKHART LLP
Henry W. Oliver Building
535 Smithfield Street
Pittsburgh, Pennsylvania 15222-2312

Telephone: (412) 355-8994
Facsimile: (412) 355-6501
E-mail: mlazzara@kl.com

Customer No. 26285



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known			
				Application Number		10/612,205	
				Filing Date		July 2, 2003	
				First Named Inventor		Apostolides, John K.	
				Art Unit			
				Examiner Name			
Sheet	1	of	4	Attorney Docket Number		00478CIPCIP	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		1,379,259	05-24-1921	Hans	
		1,815,221	07-21-1931	Sweetland	
		2,102,514	12-14-1937	Clarkson	
		2,110,662	03-08-1938	Fisher	
		2,143,533	01-10-1939	Archea et al.	
		2,320,048	05-25-1943	Parson	
		2,838,039	06-10-1958	Smith et al.	
		2,887,058	05-19-1959	Aspelin et al.	
		2,928,499	03-15-1960	Nallinger	
		3,045,420	07-24-1962	Addie et al.	
		3,057,436	10-09-1962	Jacobson et al.	
		3,146,720	09-01-1964	Henry	
		3,282,380	11-01-1966	Burrell et al.	
		3,430,730	03-04-1969	Kitajima	
		3,658,153	04-25-1972	Berman	
		3,858,686	01-07-1975	Luterick	
		4,058,981	11-22-1977	Henson	
		4,095,673	06-20-1978	Takeuchi	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		EP 0 416 688 A1	03-13-1991	Groeneveld		
		WO 02/27186 A1	04-04-2002	Transport Efficiency RPM Industries, Inc.		

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		Number - Kind Code ² (if known)			
		4,126,997	11-28-1978	Henson	
		4,168,693	09-25-1979	Harrison	
		4,174,699	11-20-1979	Gill	
		4,290,739	09-22-1981	Korse	
		4,331,112	05-25-1982	Pluequet	
		4,354,574	10-19-1982	Kieber	
		4,421,078	12-20-1983	Humer	
		4,458,644	07-10-1984	Papst	
		4,462,350	07-31-1984	Kurata	
		4,512,298	04-23-1985	Hayashi	
		4,553,512	11-19-1985	Showman	
		4,628,877	12-16-1986	Sundles et al.	
		4,813,853	03-21-1989	Otto et al.	
		4,893,598	01-16-1990	Stasiuk	
		4,965,549	10-23-1990	Koike	
		5,014,820	05-14-1991	Evans	
		5,195,476	03-23-1993	Schwarz	
		5,198,698	03-30-1993	Paul et al.	
		5,244,367	09-14-1993	Aslin	

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		Number - Kind Code ² (if known)			
		5,462,420	10-31-1995	Stehr et al.	
		5,511,522	04-30-1996	Tran	
		5,748,500	05-05-1998	Quentin et al.	
		5,759,013	06-02-1998	Miyazaki et al.	
		5,797,732	08-25-1998	Watanabe et al.	
		5,823,750	10-20-1998	Hoffmann et al.	
		5,964,256	10-12-1999	Bedi et al.	
		6,215,728 B1	04-10-2001	Yamada	
		6,461,118 B1	10-08-2002	Apostolides et al.	
		6,542,851 B2	04-01-2003	Hasegawa et al.	
		6,544,008 B1	04-08-2003	Apostolides et al.	
		US 2003/0150256 A1	08-14-2003	Jakoby et al.	
		US 2003/0202887 A1	10-30-2003	Apostolides et al.	

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